


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: ☒ The ACM Digital Library ☐ The Guide


Searching within **The ACM Digital Library** with **Advanced Search**: (location and mobile and hierarchical or aware or service)) ([start a new search](#))

Found **12** of **263,029**

REFINE YOUR SEARCH

[Search Results](#)
[Related Journals](#)
[Related Magazines](#)
[Related SI](#)

Sort by

Results 1 - 12 of 12

[Save results to a Binder](#)

▼ Refine by Keywords

 Discovered Terms

▼ Refine by People

Names
Institutions
Authors
Reviewers

▼ Refine by Publications

Publication Year
Publication Names
ACM Publications
All Publications
Content Formats
Publishers

▼ Refine by

Conferences
Sponsors
Events
Proceeding Series

1 [Vertical handoffs in wireless overlay networks](#)

Mark Stemm, Randy H. Katz

December 1998 **Mobile Networks and Applications**, Volume 3 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: [Pdf](#) (770.58 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 152, Downloads

No single wireless network technology simultaneously provides a low latency and a large number of mobile users. Wireless Overlay Networks – a hierarchical wide area ...

2 [Mu3D: a causal consistency protocol for a collaborative VRML editor](#)

Ricardo Galli, Yuhua Luo

February 2000 **VRML '00: Proceedings of the fifth symposium on Virtual reality**

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (614.28 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 30, Downloads

This paper describes the implementation of the Mu3D application protocol for the collaborative editing of CAD design. The collaborative editor (M3D editor) has been ...

Keywords: CAD, VRML, architecture, distributed virtual environments, r

ADVANCED SEARCH

[Advanced Search](#)

FEEDBACK

[Please provide us with feedback](#)

Found **12** of **263,029**

3 [Fast and scalable wireless handoffs in support of mobile Internet applications](#)

Ramón Cáceres, Venkata N. Padmanabhan

December 1998 **Mobile Networks and Applications**, Volume 3 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: [Pdf](#) (187.08 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 39, Downloads

Future internetworks will include large numbers of portable devices moving and a hierarchical mobility management scheme for such networks. Our scheme for handoff processing ...

4 [Toward a framework for power control in cellular systems](#)

Zvi Rosberg, Jens Zander

March 1998 **Wireless Networks** , Volume 4 Issue 3

Publisher: Kluwer Academic Publishers

Full text available:  Pdf (261.10 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 31, Download

Efficiently sharing the spectrum resource is of paramount importance in
in Personal Communications where large numbers of wireless subscriber
involves protecting ...

5 [Composable ad hoc location-based services for heterogeneous mobile](#)

[Todd D. Hodes](#), [Randy H. Katz](#)

October 1999 **Wireless Networks** , Volume 5 Issue 5


Publisher: Kluwer Academic Publishers

Full text available:  Pdf (403.18 KB)

Additional Information: [full citation](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 62, Download

6 [Coyote: a system for constructing fine-grain configurable communication](#)

 [Nina T. Bhatti](#), [Matti A. Hiltunen](#), [Richard D. Schlichting](#), [Wanda Chiu](#)

November 1998 **Transactions on Computer Systems (TOCS)** , Volume 16 I

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (290.21 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 47, Download

Communication-oriented abstractions such as atomic multicast, group RF
mobile computing can simplify the development of complex applications
describes Coyote, a system ...

Keywords: x-kernal, configurable sevicees, customization, event handler
microprotocols, mobile computing, modularity, multicast, protocols, remi

7 [Routing in wireless/mobile ad-hoc networks via dynamic group const](#)

[Yu-Liang Chang](#), [Ching-Chi Hsu](#)

March 2000 **Mobile Networks and Applications** , Volume 5 Issue 1

Publisher: Kluwer Academic Publishers

Full text available:  Pdf (179.06 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 61, Download

An ad-hoc network is temporarily formed by a group of mobile hosts con
fixed network interaction and centralized administration. When a mobile
an ad-hoc network, ...

8 [Mobile networking in the Internet](#)

[Charles E. Perkins](#)

December 1998 **Mobile Networks and Applications** , Volume 3 Issue 4




Publisher: Kluwer Academic Publishers

Full text available:  Pdf (166.90 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 34, Downloads (12 Months): 204, Downl


Computers capable of attaching to the Internet from many places are like the population of the Internet. Consequently, protocol research has shifted network protocols for ...

- 9 [OceanStore: an architecture for global-scale persistent storage](#)
 John Kubiawicz, David Bindel, Yan Chen, Steven Czerwinski, Patrick Eato
 Rhea, Hakim Weatherspoon, Chris Wells, Ben Zhao
 December 2000 **ASPLOS-IX: Proceedings of the ninth international conference on languages and operating systems**
Publisher: ACM  [Request Permissions](#)
 Full text available:  [Pdf](#) (166.53 KB) Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 258, Downloads (All Time): 1,000



OceanStore is a utility infrastructure designed to span the globe and provide information. Since this infrastructure is comprised of untrusted servers, it uses cryptographic techniques. ...

Also published in:





December 2000 **SIGARCH Computer Architecture News** Volume 28 Issue 5
 December 2000 **SIGOPS Operating Systems Review** Volume 34 Issue 5

- 10 [A CDMA-based radio interface for third generation mobile systems](#)
 Sergio Barberis, Ermanno Berruto
 June 1997 **Mobile Networks and Applications**, Volume 2 Issue 1
Publisher: Kluwer Academic Publishers
 Full text available:  [Pdf](#) (257.24 KB) Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 50, Downloads (All Time): 100

This paper deals with the use of a CDMA-based radio interface in third generation Telecommunications System—UMTS, and Future Public Land Mobile Telecommunications System. ...

- 11 [OceanStore: an architecture for global-scale persistent storage](#)
 John Kubiawicz, David Bindel, Yan Chen, Steven Czerwinski, Patrick Eato
 Rhea, Hakim Weatherspoon, Westley Weimer, Chris Wells, Ben Zhao
 November 2000 **SIGPLAN Notices**, Volume 35 Issue 11
Publisher: ACM
 Full text available:  [Pdf](#) (1.47 MB) Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 65, Downloads (All Time): 1,000

OceanStore is a utility infrastructure designed to span the globe and provide information. Since this infrastructure is comprised of untrusted servers, it uses cryptographic techniques. ...

- 12 [GPS-based geographic addressing, routing, and resource discovery](#)
 Tomasz Imieliński, Julio C. Navas
 April 1999 **Communications of the ACM**, Volume 42 Issue 4
Publisher: ACM  [Request Permissions](#)
 Full text available:  [Html](#) (32.72 KB),  [Pdf](#) (329.24 KB) Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 206, Downloads (All Time): 1,000

The ACM Portal is published by the Association for Computing Machinery. Copyright (c) 2009 ACM. All rights reserved.
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)